

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF DECREASING THE K VALUE IN SIOC LAYER DEPOSITED
BY CHEMICAL VAPOR DEPOSITION**

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on October 5, 2000, under Serial No. 09/679,843, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:
Application No:
Filing date:

- C. U.S. Provisional Application filed within 12 months prior to this application

<u>Serial No.</u>	<u>Filing Date</u>
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PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

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09/021,788	02/11/1998		X	
09/553,461	04/19/2000		X	
09/162,915	09/29/1998		X	
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I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Registration No. 33,217
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Send correspondence to:

Patent Counsel
Applied Materials, Inc.
P.O. Box 450-A
Santa Clara, CA 95052

Direct telephone calls to:

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Full name of sole or first inventor: **FREDERIC GAILLARD**

Inventor's signature: _____ Date: _____

Residence: **38500 Voiron
Rue des Tallifardierest
Same as above.
FRANCE**

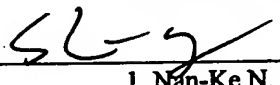
Post Office Address: _____ Country of Citizenship: **FRANCE**

Full name of second inventor: LI-QUN XIA
Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95054
868 Leith Avenue
Post Office Address: Same as above.
U.S.A. Country of Citizenship: P.R. OF CHINA

Full name of third inventor: TIAN-HOE LIM
Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95051
3282 St. Ignatious Place, #338
Post Office Address: Same as above.
U.S.A. Country of Citizenship: SINGAPORE

Full name of fourth inventor: ELLIE YIEH
Inventor's signature: _____ Date: _____
Residence: San Jose, California 95138
5888 Pistoia Way
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: WAI-FAN YAU
Inventor's signature: _____ Date: _____
Residence: Mountain View, California 94040
158 Gretel Lane
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of sixth inventor: SHIN-PUU JENG
Inventor's signature:  Date: 12/19/2000
Residence: 1, Nan-Ke N. Rd., Science-Based Industrial Park,
Shan-Hua, Tainan, TAIWAN 741
Post Office Address: Same as above.
TAIWAN. Country of Citizenship: U.S.A.

Full name of seventh inventor:

KUOWEI LIU

Inventor's signature: _____

Date: _____

Residence:

Santa Clara, California 95008
163 N. San Tomas Aquino Road

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of eighth inventor:

YUNG-CHENG LU

Inventor's signature: _____

Date: _____

Residence:

San Jose, California 95117

Post Office Address:

3671 Greenlee Drive, #3
U.S.A.

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Date: _____

Residence:

38500 Voiron
Rue des Tallifardierest

Post Office Address:

Same as above.
FRANCE

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LI-QUN XIA

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Santa Clara, California 95054

868 Leith Avenue

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Same as above.

U.S.A.

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Full name of third inventor:

TIAN-HOE LIM

Inventor's signature: _____

Date: _____

Residence:

Santa Clara, California 95051

3282 St. Ignatious Place, #338

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: SINGAPORE

Full name of fourth inventor:

ELLIE YIEH

Inventor's signature: _____

Date: _____

Residence:

San Jose, California 95138

5888 Pistoia Way

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: U.S.A.

Full name of fifth inventor:

WAI-FAN YAU

Inventor's signature: _____

Date: _____

Residence:

Mountain View, California 94040

158 Gretel Lane

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: U.S.A.

Full name of sixth inventor:

SHIN-PUU JENG

Inventor's signature: _____

Date: _____

Residence:

Cupertino, California 95014

20804 Dunbar Drive

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: U.S.A.

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KUOWEI LIU

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Santa Clara, California 95008
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Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of eighth inventor:

YUNG-CHENG LU

Inventor's signature:

Yung-Cheng Lu

Date:

11/19/00

Residence:

San Jose, California 95117

F.2 No.4 Ln.114 Sec.7

Post Office Address:

3671 Greenlee Drive, #3

Chungshan N. Road, Taipei, Taiwan

U.S.A.

Y.C. Lu

Country of Citizenship: TAIWAN

Y.C. Lu

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☐ Yes ☐ No

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Residence: **38500 Voiron
Rue des Tallifardierest**


Post Office Address: **Same as above.
FRANCE**

Country of Citizenship: **FRANCE**

Full name of second inventor: LI-QUN XIA
Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95054
868 Leith Avenue
Post Office Address: Same as above.
U.S.A. Country of Citizenship: P.R. OF CHINA

Full name of third inventor: TIAN-HOE LIM
Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95051
3282 St. Ignatious Place, #338
Post Office Address: Same as above.
U.S.A. Country of Citizenship: SINGAPORE

Full name of fourth inventor: ELLIE YIEH
Inventor's signature: _____ Date: _____
Residence: San Jose, California 95138
5888 Pistoia Way
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of fifth inventor: WAI-FAN YAU
Inventor's signature:  _____ Date: 12/8/2001
Residence: Mountain View, California 94040
158 Gretel Lane
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of sixth inventor: SHIN-PUU JENG
Inventor's signature: _____ Date: _____
Residence: Cupertino, California 95014
20804 Dunbar Drive
Post Office Address: Same as above.
U.S.A. Country of Citizenship: U.S.A.

Full name of seventh inventor: KUOWEI LIU
Inventor's signature: _____ Date: _____

Residence:

Santa Clara, California 95008
163 N. San Tomas Aquino Road

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of eighth inventor:

YUNG-CHENG LU

Inventor's signature: _____

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09/185,555	11/04/1998		X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
Michael B. Einschlag	Registration No. 29,301
Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008

Send correspondence to:

Patent Counsel
Applied Materials, Inc.
P.O. Box 450-A
Santa Clara, CA 95052

Direct telephone calls to:

B. Todd Patterson
THOMASON, MOSER & PATTERSON, L.L.P.
(713) 623-4844

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:

FREDERIC GAILLARD

Inventor's signature: _____

Date: _____

Residence:

38500 Voiron
Rue des Tallifardierest
Same as above.
FRANCE

Post Office Address:

Country of Citizenship: FRANCE

Full name of second inventor:

LI-QUN XIA

Inventor's signature: _____

Date: _____

Residence:

Santa Clara, California 95054
868 Leith Avenue

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: P.R. OF CHINA

Full name of third inventor:

TIAN-HOE LIM

Inventor's signature: _____

Date: _____

Residence:

Santa Clara, California 95051
3282 St. Ignatious Place, #338

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: SINGAPORE

Full name of fourth inventor:

ELLIE YIEH

Inventor's signature: _____

Date: _____

Residence:

San Jose, California 95138
5888 Pistoia Way

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of fifth inventor:

WAI-FAN YAU

Inventor's signature: _____

Date: _____

Residence:

Mountain View, California 94040
158 Gretel Lane

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of sixth inventor:

SHIN-PUU JENG

Inventor's signature: _____

Date: _____

Residence:

Cupertino, California 95014
20804 Dunbar Drive

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of seventh inventor:

KUOWELLIU

Inventor's signature: _____

Date: _____

Nov. 30, 2000

Residence:

Santa Clara, California 95008
163 N. San Tomas Aquino Road

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of eighth inventor:

YUNG-CHENG LU

Inventor's signature: _____

Date: _____

Residence:

San Jose, California 95117

Post Office Address:

3671 Greenlee Drive, #3
U.S.A.

Country of Citizenship: TAIWAN

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COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- ☐ original
- ☐ divisional
- ☐ continuation
- ☒ continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF DECREASING THE K VALUE IN SIOC LAYER DEPOSITED
BY CHEMICAL VAPOR DEPOSITION**

SPECIFICATION IDENTIFICATION

The specification of which:

- ☐ is attached hereto
- ☒ was filed on October 5, 2000, under Serial No. 09/679,843, executed on even date herewith; or
- ☐ Express Mail No. (as Serial No. not yet known)
and was amended on _____ (if applicable)
- ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- ☐ In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

☒ No such applications have been filed.

☐ Such applications have been filed as follows:

- A. Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
--------------------	-----------------------	-------------------	-------------------------

☐ Yes ☐ No

☐ Yes ☐ No

☐ Yes ☐ No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

- C. U.S. Provisional Application filed within 12 months prior to this application

Serial No.

Filing Date

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

☐ No such applications have been filed

☒ Such applications have been filed, as follows:

Serial No.	Filing Date	Status		
		Patented	Pending	Abandoned
09/247,381	02/10/1999		X	
09/465,233	12/16/1999	X		
09/021,788	02/11/1998		X	
09/553,461	04/19/2000		X	
09/162,915	09/29/1998		X	
09/185,555	11/04/1998		X	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Donald Verplancken	Registration No. 33,217
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Peter J. Sgarbossa	Registration No. 25,610
Lawrence Edelman	Registration No. 25,226
Michael L. Sherrard	Registration No. 28,041
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Robert W. Mulcahy	Registration No. 25,436
Raymond R. Moser, Jr.	Registration No. 34,682
B. Todd Patterson	Registration No. 37,906
Keith M. Tackett	Registration No. 32,008

Send correspondence to:

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P.O. Box 450-A
Santa Clara, CA 95052

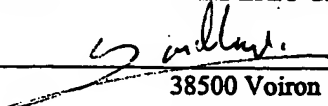
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B. Todd Patterson
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(713) 623-4844

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Full name of sole or first inventor: **FREDERIC GAILLARD**

Inventor's signature:  Date: 11/15/2000

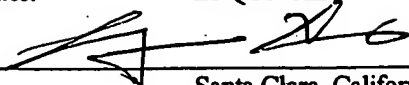
Residence: 38500 Voiron
Rue des Tallifardierest

Post Office Address: Same as above.
FRANCE

Country of Citizenship: **FRANCE**

Full name of second inventor:

LI-QUN XIA

Inventor's signature: 

Date:

11-15-2000

Residence:

Santa Clara, California 95054
868 Leith Avenue

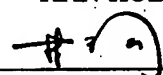
Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: P.R. OF CHINA

Full name of third inventor:

TIAN-HOE LIM

Inventor's signature: 

Date:

4/15/00

Residence:

Santa Clara, California 95051
3282 St. Ignatious Place, #338

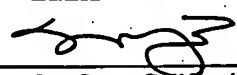
Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: SINGAPORE

Full name of fourth inventor:

ELLIE YIEH

Inventor's signature: 

Date:

11/20/00

Residence:

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Post Office Address:

Same as above.
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Country of Citizenship: U.S.A.

Full name of fifth inventor:

WAI-FAN YAU

Inventor's signature: _____

Date: _____

Residence:

Mountain View, California 94040
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Post Office Address:

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Country of Citizenship: U.S.A.

Full name of sixth inventor:

SHIN-PUU JENG

Inventor's signature: _____

Date: _____

Residence:

Cupertino, California 95014
20804 Dunbar Drive

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of seventh inventor:

KUOWEI LIU

Inventor's signature: _____

Date: _____

Residence:

Santa Clara, California 95008
163 N. San Tomas Aquino Road

Post Office Address:

Same as above.
U.S.A.

Country of Citizenship: U.S.A.

Full name of eighth inventor:

YUNG-CHENG LU

Inventor's signature: _____

Date: _____

Residence:

San Jose, California 95117

Post Office Address:

3671 Greenlee Drive, #3
U.S.A.

Country of Citizenship: TAIWAN

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